

**Developmental Math II-Spring 2014**  
**MAT0028      CRN: 24023**  
**Valencia College-East Campus**

**INSTRUCTOR:** Maximo Navarro    **EMAIL:** mnavarro16@valenciacollege.edu  
**PHONE:** (407) 538-5906  
**URL:** frontdoor.valenciacollege.edu/?mnavarro16

**CREDIT HOURS:** 3 College Prep credits (prep credits cannot be used for college credit)

**MEETING TIMES:**

**Class:** MTWR 10:00 - 11:15    Building 7 room 122  
**Lab:**    TR        11:30 - 12:20    Building 7 room 112A

**Lab attendance is mandatory. All labs must be received complete on the due date. You may work together during lab but must turn in your own individual work.**

**COURSE DESCRIPTION:**

Prerequisite: Minimum grade of C in MAT0018C or appropriate score on CPT. This course is designed to supplement the algebraic background of students prior to taking certain courses at the college level. Topics include sets, fundamental operations with polynomials, linear equations and inequalities with applications, factoring and its use in algebra, introduction to graphing of linear equations, introduction to radicals. A grade of "C" or higher is needed for entry into MAT1033C.

**REQUIRED MATERIALS:**

- **Text:** MAT 0028C Developmental Math II by Professor Al Groccia
- **Online Homework:** IMathAS <http://imathas.valenciacollege.edu/>

**CALCULATORS:** Calculators are **not** required for this class and will **not** be allowed at any time.

**GRADING SCALE:**

A: 90-100%
B: 80-89%
C: 70-79%
D: 60-69%*
F: 0-59%*

\*These grades will require you to repeat this course

**HOMEWORK/IMATHAS:** (TOTAL 15% = ANSWERS 10% + WORK 5%)

Homework will be facilitated online through **IMathAS**. Homework is to be completed on a regular basis. Students will be expected to have access to a computer. **Due dates will not be extended.** The website for online homework is: <http://imathas.valenciacollege.edu/>  
Online homework will be due every **Sunday at 11:59 pm** unless otherwise stated.

\*Use your Atlas user name (default password is "password" or "math"). Log in and change your password.

*In order to receive full credit for submitted assignments, your work must be handwritten neatly organized, numbered, and submitted during the following class meeting.*

**LABS:** (TOTAL 10%)

This course has a lab class that meets once each week. In the lab class there are assignments which support the material discussed in the class. The lab assignments will count in your final class average. **Attendance is mandatory for the lab class.** Labs should be completed in pencil. Labs are graded on neatness, completeness, and accuracy. Show all work (no work, no credit). Solutions to lab assignments will be uploaded on faculty front door (URL provided above).

*In order to receive full credit for submitted assignments, your work must be handwritten neatly organized, numbered, and submitted during the following class meeting.*

**LEARNING MODULES:** (TOTAL 10% = ANSWERS 5% + WORK 5%)

There are 7 learning module activities provided online through Blackboard. A module may be started and saved for a later time if not completed, however once submitted the whole module must be re-done in attempt of improving the score. Modules have an unlimited number of trials and thus the best score will be accepted on due dates. The exercises completed through the modules serves as practice material for tests as well as the Final Exam. **Modules will be counted for a grade, and only scores of a 100% will be counted for credit.**

*In order to receive full credit for submitted assignments, your work must be handwritten neatly organized, numbered, and submitted during the following class meeting.*

**MODULE EXAMS:** (TOTAL 40% = 4 X MODULE BASED TEST 10%)

There are 4 mandatory exams that will be administered in class based off the 7 learning modules. Retakes and makeup exams are NOT allowed. Exams will be given early to students who notify the professor of an emergency in advance, with enough notice. **NO EXCEPTIONS.** Solutions to exams will be uploaded on faculty front door (URL provided above).

**FINAL EXAM: (TOTAL 25%)**

There is a mandatory final exam that will be delivered electronically, via Blackboard. There are 40 questions on the final exam and retakes are NOT allowed. Calculators are NOT allowed during the final and formulas will not be provided. The final exam counts towards 25% of your overall grade. There are 7 learning modules in Blackboard to help you practice for the exam. A minimum passing score is not required on the final exam if you score 100% on all 7 modules.

**Possibilities:****1) You score 100% on ALL 7 learning modules:**

- There is no minimum passing score on the final exam to pass the course.
- The Final Exam counts towards 25% of your overall grade.

**2) You do NOT score 100% on ALL 7 learning modules:**

- You MUST PASS the final exam with a minimum score of 70%.
- The Final Exam counts towards 25% of your overall grade.

**GRADING BREAKDOWN:**

Labs:	10%
Online Homework:	
-Answers:	10%
-Work:	5%
Learning Modules	
-Answers:	5%
-Work:	5%
In-class tests:	40%
Final Exam:	25%

**ATTENDANCE:**

Attendance is expected for every class meeting. After a total of 3 absences (class or lab) you will receive an e-mail notification to have a conference with me. Absences occurring after the conference may result in withdrawal.

If an absence is going to result in the late submittal of an assignment, it is the responsibility of the student to submit the assignment prior to the due date either by early submission, scanning in an email, or submission to the professor's mailbox via the math department.

**SPECIAL ACCOMMODATIONS:**

Students with disabilities who qualify for academic accommodations must provide a letter from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class.

**WITHDRAWAL POLICY:**

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the withdrawal deadline of **February 7, 2013** will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W." Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F."

**ACADEMIC HONESTY:**

It is expected that the student will act with the utmost of dignity and respect for the classroom environment. This includes, but is not limited to any form of cheating. Any instance of cheating will be directly reported to the school administration. All forms of academic honesty are prohibited at Valencia. Including, but not limited to: plagiarism, cheating, furnishing false information, forgery, or misconduct during a testing situation. Violations can result in failure of an assignment or the entire course. Each student is expected to be familiar with the college policy on academic honesty as stated in the Valencia Student Handbook.

**STUDENT CODE OF CONDUCT:**

Valencia Community College is dedicated to not only to the advancement of knowledge and learning, but also are concerned with the development of responsible personal and social conduct. Violation of any classroom or Valencia's rules may lead to disciplinary action up to and excluding expulsion from Valencia. Disciplinary action could include being withdrawn from class, disciplinary warning, probation, suspension, expulsion, or other appropriate and authorized actions. You will find the Student Code of Conduct in the current Valencia Student Handbook. In addition, we ask that you follow college policy relating to children on campus. Please make arrangements for childcare outside of classrooms or labs.

**STUDENT COMPETENCIES:**

Valencia Community College desires their graduates to possess and demonstrate a set of global competencies including the ability to **THINK, VALUE, COMMUNICATE** and **ACT**. In an effort to help you acquire and improve your ability to demonstrate the competencies, this course will include activities that require you to:

1. Think clearly, critically and creatively
2. Make responsible commitments
3. Communicate with others in written and verbal form
4. Act purposefully, reflectively and responsibly

**SPA (SPECIALIZED PREP AREA):**

The SPA is located in building 4 on the first floor. The SPA is set up to assist students with material from their prep math class (MAT0018/0022/0028). The SPA provides resources to assist students in passing their required competency test.

**VALENCIA I.D. CARDS:**

Valencia ID cards are required for LRC, Testing Center, and IMC usage. No other form of ID at those locations will be accepted. Possession and utilization of a Valencia ID is mandatory in order to obtain these services.

**COMPUTER/EQUIPMENT USE POLICY:**

Use of computers in the Business, IT, and Public Service classrooms at Valencia Community College is restricted to those activities designated by the instructor to enhance the class materials. Any other use is strictly forbidden. Inappropriate use includes, but is not limited to:

- Use of computer to send E-mail or access Internet sites not specifically assigned in class.
- Use of computer for job, internship, homework or other activities not assigned in class.
- Modifying any hardware or software system configuration or setting.
- Activities not in accordance with the Valencia Student Code of Conduct.

Use of computers in the departmental open lab is limited to those activities involved with preparing homework or coursework in this department and is subject to the same restriction as listed above. Computer use is remotely monitored; any student using computers inappropriately may be subject to dismissal from class or banishment from the lab. Subsequent offense may be sent to the campus administration for further disciplinary action.

**DISCLAIMER:** This syllabus and all dates are tentative and subject to change.

## IMPORTANT DATES

**No Classes:** January 20 (MLK Day)

**Withdrawal deadline:** February 7

**Final Examination:** TBD

Week #	Dates	Textbook Sections and Plans			
		Mon.	Tues.	Wed.	Thurs.
1	Jan. 6-9	Intro	1.2-1.4	1.5-1.7	2.1-2.2
2	Jan. 13-16	2.2,2.5	2.6	2.6	2.7
3	Jan. 20-23	-	Exam 1 (1&2)	3.1-3.3	3.4-3.5
4	Jan. 27-30	4.1-4.2	4.3-4.4	4.5-4.6	4.7
5	Feb. 3-6	Exam 2 (3&4)	5.1	5.2	5.3-5.4
6	Feb. 10-13	5.6	6.1-6.2	6.3-6.4	6.5,6.7
7	Feb. 17-20	Exam 3 (5&7)	5.9	5.10	2.3,2.4
8	Feb. 24-26	Exam 4 (6)	Exam Review	Final Exam	-

***\*Tentative calendar subject to change\****

Learning Module 1 Linear Equations	Jan. 21
Learning Module 2 Linear Equations and Applications	Jan. 21
Learning Module 3 Graphs and Info	Feb. 3
Learning Module 4 Exponents and Polynomials	Feb. 3
Learning Module 5 Factoring	Feb. 17
Learning Module 6 Rational Expressions	Feb. 24
Learning Module 7 Radicals	Feb. 17

***\*Score of 100% is required for Learning Modules\****